

**WATER HAULER'S LICENSE APPLICATION**

**INSTRUCTIONS:** A separate application ***submitted in duplicate*** is required ***for each place of business***. The fee for each ***renewal*** or ***new*** application in the sum indicated below payable to the **DEPARTMENT OF HEALTH SERVICES** must accompany this application. Unsigned or incomplete applications cannot be processed. **For *renewal* applications**, please indicate the license number on the top right-hand corner of your check and on this application. Please submit original and duplicate applications with the appropriate fee to:

Department of Health Services  
Food and Drug Branch  
P.O. Box 942832  
Sacramento, CA 94234-0006

2003 application fee: \$442.17 (PCA Code 85125)

Type of application (check one): ☐ New ☐ Amended ☐ Renewal—license number: \_\_\_\_\_

Name of firm

DBA (if appropriate)

County where business is located

Business address (number, street)

City

State

ZIP code

Telephone  
(     )

Mailing address (if different from above) (P.O. Box/ number, street)

City

State

ZIP code

Emergency telephone  
(     )

Person responsible for operations

Correspondent

Vehicle License Number OR VIN Number (State)	Location of Vehicle	TRANSPORT	
		Gallons	Category* (B or X)

\* Water product transport categories:    *B = Potable water and ANY food product*    *X = Potable water ONLY*

Were any changes made from the previous application (renewal application only)? ☐ Yes ☐ No

If yes, please explain:

**Type of ownership**

☐ Partnership ☐ Association ☐ Corporation ☐ Individual/sole proprietorship  
☐ Other (describe) \_\_\_\_\_

If an individual or sole proprietorship:

Name of individual or sole proprietor

Name of business entity (DBA)

Continued on page 2

If a partnership or other unincorporated association:

Name of the partnership or association

Name of each partner or member

If a corporation:

Name of corporation

Name of state of incorporation

Name and title of each corporate officer and corporate director

The Food and Drug Branch **must be notified immediately** of any change in the above information. If any changes were made, explain on a separate sheet.

Under penalty of perjury, under the laws of the State of California, the person whose signature appears below certifies and says that: (1) he/she is the applicant, or one of the applicants, or an executive officer of the applicant corporation, named in the foregoing application, duly authorized to make this application on its behalf; (2) he/she has read the foregoing application and knows the contents thereof and that each and all statements therein made are true; (3) no person other than the applicant or applicants has any direct or indirect interest in the applicant's business to be conducted under the license for which this application is made; and (4) all supplemental statements are true and accurate.

Signature of applicant

Date

Print Name

Title of applicant

## PROCEDURE FOR OBTAINING A WATER HAULER'S LICENSE

California Health and Safety Code (H&SC) Sections 111070 through 111195 include provisions that require all water haulers (WH) to obtain a license issued by the Department of Health Services' Food and Drug Branch (FDB). You do not have to pay an additional fee for a WH license if you have a valid bottling plant license and if the WH vehicle is based and operating at the same location as the bottling plant (H&SC Section 111120(a)). The following describes what you must do to help us issue your license as quickly as possible:

### License Application

Submit a completed application form in duplicate together with the required fee (nonrefundable) to the **address shown on the application form**. The license is valid for one calendar year and expires on December 31. The application must indicate the normal storage location of the hauling vehicle(s) as the place of business. The mailing address may be at a different location. The California vehicle identification number for each vehicle must be written on the application form. Proper phone numbers must be provided to expedite inspection appointments. Any incomplete and/or illegible application will be **returned** to the applicant, which would result in a significant delay in the processing of that application.

FDB will inspect the subject vehicle(s) before issuing a license to assure that the vehicle meets the requirements specified in state and federal laws. Please contact one of the nearest FDB offices (see the last page of the Attachment) for a phone number to call for an appointment for inspection.

**NOTE: Present your vehicle(s) for inspection at the time and location agreed upon with a Food and Drug Investigator. A certification sticker will be attached to an acceptable "Category X" vehicle at the time of inspection (acceptability: see the attached "Requirements for Inspection and Operation of Potable Water Hauling Vehicles").**

### Requirements for Inspection and Operation of Potable Water Hauling Vehicles

#### 1. Vehicle License Use Categories

##### a. *Water Hauling Vehicle Category B*

- Water Sources: Licensed private water source; licensed bottling plant; regulated public (municipal) drinking water supply.
- Users: Licensed water bottling plant; licensed retail water facility; licensed water vending machines; food processing plant; industrial potable bulk water users; military installations.
- Equipment: Compliance with all equipment standard. Intake or discharge pumps need not be present on vehicle. Water may be transferred at source and destination by external hoses and pumps.
- Exemptions: Category B vehicles are exempted from labeling and microbiological testing requirements. (Water user is responsible for microbiological water quality testing.)

##### b. *Water Hauling Vehicle Category X*

- Water Sources: Licensed private source; regulated public drinking (municipal) water supply.  
**NOTE: Noncommunity water supplies may not be used unless such sources are also licensed as private water sources.**
- Users: Fire camps; retail bulk water distribution; emergency uses; miscellaneous uses for direct human contact or consumption (e.g., shower, baths).
- Equipment: Compliance with all equipment standards.
- Exemptions: None. All labeling requirements apply.

#### 2. Definition of Water Hauling Vehicle

Self propelled, or towed vehicle having an attached water tank, with or without pumps, hoses, and accessory equipment for filling or distribution of water. Tank must exceed 250 gallons capacity and must comply with all standards listed in this guideline.

Use of convertible trucks, dump trucks, or flat bed trucks with detachable tanks is allowed if the tanks are securely attached. No detached tank or vehicle without a tank will be inspected or licensed.

### 3. Products Allowed for Transport

Category B: Potable water or any food product including wine, syrup, fruit concentrates, soft drink concentrates. No nonfood products may be hauled under this license category.

Category X: Potable water only. No other material may be hauled.

### 4. Equipment Requirement

- a. General Requirements: (Reference: Code of Federal Regulations (CFR), Title 21, Section 129.40):

All water contact equipment shall be suitable for its intended use, including tanks, surfaces, hoses, pumps, valves, fittings, and lubricants. All such equipment shall be constructed of nontoxic, nonabsorbent material, which can be adequately cleaned and sanitized. All equipment shall be constructed so as to allow inspection and adequate sanitation of water contact surfaces.

- b. Guidelines:

#### (1) Tank Material

- *Acceptable:* Stainless steel; food grade plastics; food grade epoxy coatings; glass and glass coatings; aluminum (smooth finished); copper; ceramic. The prior use of a tank must be known. If it was used for nonfood purposes, DHS will require testing by an approved laboratory to assure safety. The required testing is covered below.
- *Unacceptable:* Noncoated steel or galvanized steel; rusted or cracked surfaces; tar, bituminous, or asbestos coating; coating undocumented as food grade. Existing equipment with galvanized steel will not be allowed unless a food grade coating has been applied to all water contact surfaces, and required curing procedures have been followed.
- **Testing:** Because of concerns for possible organic chemical contamination resulting from prior nonfood use of tanks, or improper selection, application, or use of coatings for tanks, testing will be required to demonstrate that organic chemicals leaching from the tank surface will not exceed State allowable levels.

To verify the concentration of any organic chemical contaminant, the following actions shall be required:

- The water hauling tank shall be filled with potable water and held for five days. The water shall be sampled and analyzed for organic chemicals by a laboratory certified by DHS, EPA, or other laboratory acceptable to the Department for the presence of any volatile organic compounds.
- A written report of the test results is to be provided to FDB.
- If any volatile organic exceeds the State allowable level, the tank will require corrective actions until resampling indicates volatile levels are below allowable levels.

Since it is difficult to correct coating problems after they are discovered, considerable care should be exercised in the selection and application of coating materials.

#### (2) Tank Construction

- **Openings:** Hatches and other openings, except fittings for water entry or discharge, shall be completely covered and sealed with tight fitting coverings, permanently mounted food grade gaskets, screw or clamp fastenings, and except for category B vehicles, equipped with security locks. Water fittings shall be equipped with clamp or screw-type caps, tethered to the fittings with chain or cable. These caps shall be in position on the fittings whenever they are not used for water transfer.
- **Tank Vents:** Tank shall be vented by a downward facing, or otherwise protected vent opening of a sufficient size to allow air to replace water as it is discharged. This opening shall be protected by an adequately supported fabric, paper, or metal filter material capable of removing fine dust particles from the air.
- **Drain:** A bottom drain shall be provided to facilitate complete discharge of water during sanitation procedures.

#### (3) Vehicle Tank Filling Mechanisms

Tanks shall be filled by using a system which prevents backflow of water from the vehicle tank to the source. Either of the following methods may be used:

- Acceptable double check valves on the direct filling connection to the tank.

- Overhead filling through a hatch opening at the top of the tank. The filling spout must not be allowed to intrude into the tank further than two diameters of the filling pipe above the highest water level which is possible when the tank is filled. If an overhead filler pipe is mounted on the vehicle, when not being used for filling, this pipe shall be capped at each end with threaded or clamped caps, and tethered to the fittings at the ends of the filler pipe.

#### (4) Pumps

Only water transfer pumps which can be readily disassembled to demonstrate the condition of the impeller and impeller chamber shall be used.

- **Acceptable:** Food grade pumps, constructed from stainless steel, plastic, brass, smooth-finish aluminum or other food grade materials.

Water contact surfaces, including seals, bearing, and lubricants must be constructed from food grade materials and must be smooth, nonporous, and corrosion resistant. Acceptable food grade lubricants are usually white or pastel colored.

- **Unacceptable:** Any pump using nonfood grade lubricant seals or bearings; porous, pitted, or corroded impellers or impeller chamber surfaces; cast iron pumps; petroleum lubricated pumps; pumps installed within the water tank. Filling must be accomplished using acceptable source water under pressure. Drafting of surface waters is not allowed under any circumstances. Power take-off pumps will be allowed if they are properly sealed and isolated from the vehicle transmission.

When discharge or transfer pumps are used, an effective check valve shall be provided on the pump or tank discharge line, as near to the pump or tank as possible. No connections shall be located between the tank and the check valve. The check valve may be in-line or within the pump itself.

#### (5) Hoses

The ends of all hoses shall be provided with threaded or clamped caps. Such caps shall be in place when hoses are not in use. A tight, clean storage compartment can substitute for hose caps if the hoses are stored within the compartment at all times except during use for transfer of water.

- **Acceptable:** Hoses shall have approved food grade water contact surfaces prepared from plastic, synthetic rubber, metal, or other smooth nonporous material. Such hoses must be documented as suitable if questions are raised regarding acceptability.
- **Unacceptable:** Rubber hoses, garden hoses, canvas fire hoses, radiator or engine cooling system hoses; surface water drafting hoses.

#### (6) Other Equipment Accepted on Vehicle

- **Piping:** Food grade plastic or acceptable metal (brass, aluminum, stainless steel, copper). No corroded steel, galvanized steel, black pipe.
- **Canteen Filling Equipment:** Must have effective backflow prevention (check valves), and dispensing spouts or hose bibs.
- **Miscellaneous Equipment:** Potable water heaters, pressure tanks, and other equipment for operation of shower and kitchen units are allowed.

Unacceptable: Spray bars unless equipped with an acceptable backflow prevention device, fire hoses and nozzles, surface water drafting equipment.

### 5. Labeling Requirements

- a. The following statements must be fully visible and legible at all times, permanently attached to or painted on the vehicle:
  - Name and address of licensee, on both sides of the tank or on both truck cab doors (if the tank is covered or located inside the vehicle, however, this statement must be on each side of truck cab doors or the outside of each side of containers) in letters of at least two inches in height.
  - The words "drinking water" or "potable water" on both sides of the tank (If the tank is covered or located inside the vehicle, however, this statement must be on each side of the truck cab doors or the outside of each side of containers.) in letters of at least four inches in height.
  - The capacity (gallage) of the tank on both sides of the tank or on both cab doors (If the tank is covered or located inside the vehicle, this statement must be on each of truck cab doors or the outside of each side of containers.) in letters of at least two inches in height.

- b. **Category X Vehicle:** A sticker provided by FDB shall be affixed to the upper left quarter of the rear of the tank, and shall be visible at all times (If the tank is covered or located inside the vehicle, the seal or sticker must be affixed to the upper left quarter of the rear of the VEHICLE.) The sticker indicates that the vehicle has been inspected and found to be in compliance with these requirements.

## **6. Operational Requirements**

- a. All equipment surfaces intended for potable water contact, including source fillpoint equipment, containers, caps, tanks, hoses, valves, filters, and fittings shall be inspected, washed, rinsed, sanitized, and replaced as often as necessary to effect and maintain sanitation of such surfaces. Procedures to be used are listed in CFR 21, Section 129.80.

If household chlorine bleach (containing 5% chlorine) is to be used as a sanitizer, use 1 gallon of chlorine bleach in 1,000 gallons of water. Agitate chlorine solution thoroughly and allow contact with tank and hoses for at least 30 minutes. Run chlorine solution to waste through delivery hoses. The tank must then be thoroughly rinsed with potable water before filling. **NO CHLORINE IS TO BE ADDED TO DRINKING WATER.**

- b. Adequate cleaning and sanitizing procedures as described in section 6.a. above, shall be used on hauling vehicle and associated equipment at the following times:

- When the equipment is placed into service, or when it has been unused and stored in a sealed condition for a period of four weeks or more.
- When the filled or empty tank has been exposed by open or unsealed cover caps or fittings to any condition of possible contamination of the tank or contents, including contact with dust, smoke, rain, or chemical substances.
- When any fault or defect becomes apparent in the seals, vents, hatch doors, welds, valves, pipes, pumps, hoses, or other equipment which may allow the water to become contaminated.
- When bacterial analysis of the water indicates presence of coliform bacteria above MPN 2.2.

- c. **Bacteria Testing:** Hauled water samples shall be submitted to an approved water laboratory by the hauler for coliform bacteria testing at the following times:

- The first water load following any of the required sanitation procedures described in section 6.b. above.
- At least one sample per 30 days of hauled water during months when water hauling is performed.
- Whenever such analysis is requested by state or local health authorities.

A photocopy of the test results must be forwarded to one of the nearest FDB offices (The original form of the test results shall be kept by your firm.)

- d. Water shall NOT be stored in the vehicle for a period of greater than one week.

- e. The hauler shall keep a log of activities on board the vehicle including:

- Dates of cleaning and sanitation procedures; description of processes used (cleaning agents, contact time, and concentration of sanitizing agent).
- Water sources used, dates, gallonage, name of person who authorized/directed use of source.
- Delivery points, dates, volumes delivered.
- Copies of agreements, contracts, licenses, etc.
- Test results of bacterial analyses.

## **Food and Drug Branch Offices**

### **FDB Water Licensing Desk**

601 North Seventh Street (MS 357)  
P.O. BOX 942732  
Sacramento, CA 94234-7320  
Telephone: (916) 323-4774  
FAX: (916) 322-6326

### **FDB Los Angeles Office**

1449 West Temple Street, Room 224  
Los Angeles, CA 90026  
Telephone: (213) 580-5720  
FAX: (213) 580-5750